

UNITED STATES NAVAL OBSERVATORY

CIRCULAR NO. 88

U. S. Naval Observatory, Washington 25, D. C. March 10, 1960

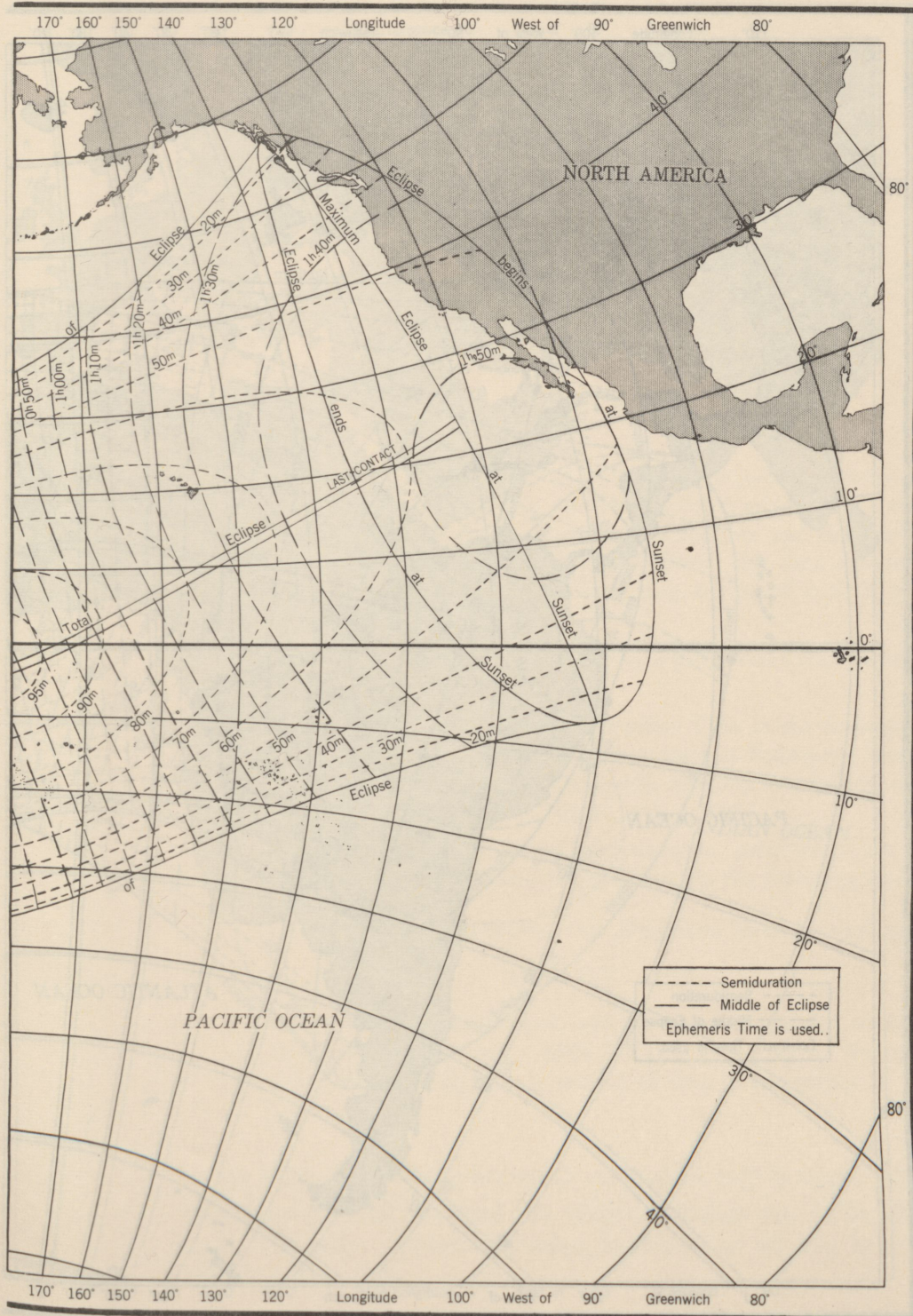
Eclipse Maps for the

Total Solar Eclipse of February 4-5, 1962

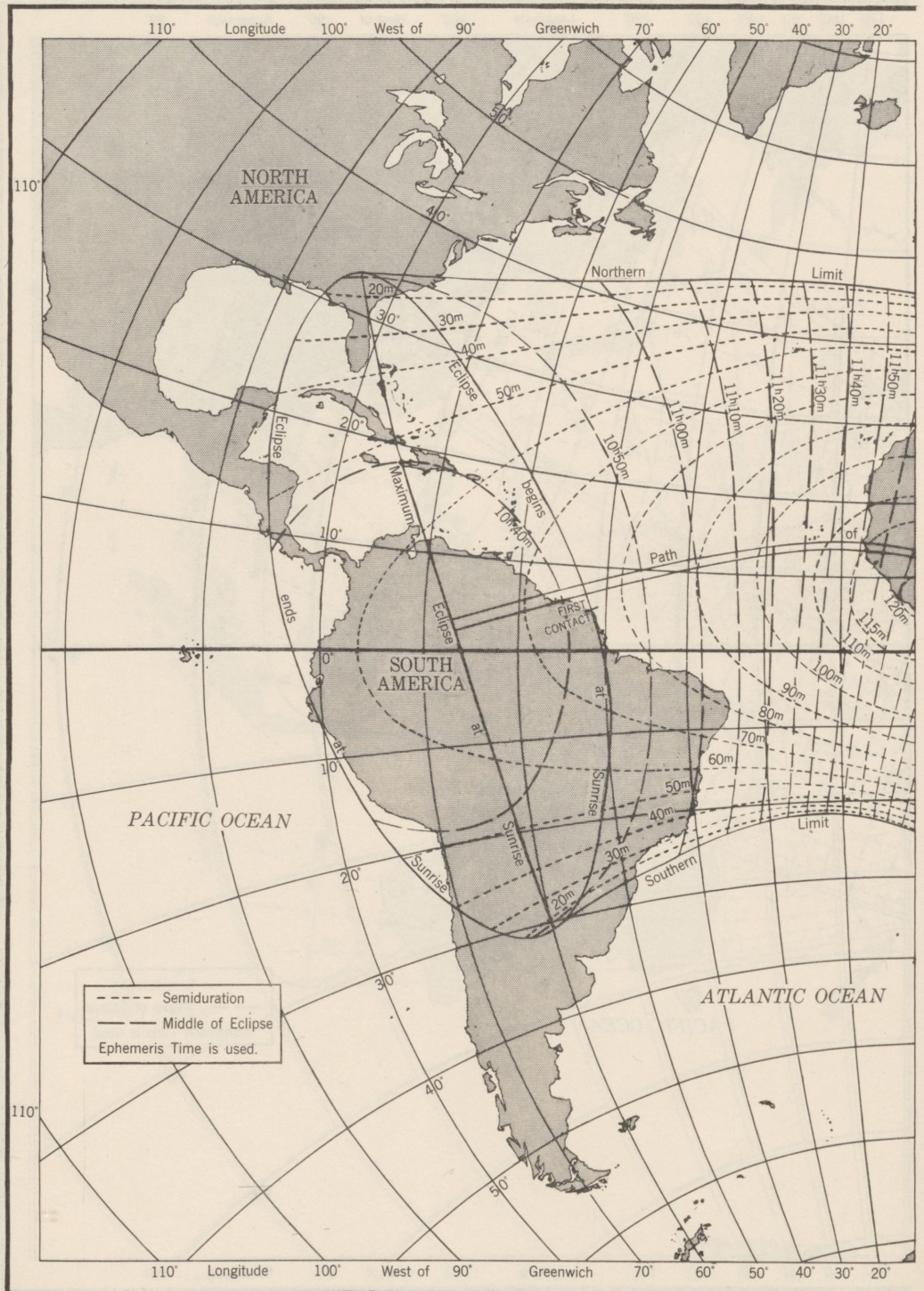
and the

Annular Solar Eclipse of July 31, 1962

OF FEBRUARY 4-5, 1962



ANNULAR SOLAR ECLIPSE



OF JULY 31, 1962

